



2008 Ice/Water Mission Concept of Operations



Objectives

- **Describe type of teams - makeup, locations, and number.**
- **Discuss mission contracts and timelines**
- **Address model use in scoping.**
- **Differentiate National Mission vs. Regional Missions and the transition points .**



Planning & Response Teams (PRT)

- **National Ice**
- **National Water**
- **Commodities**



Locations



National Teams

- **Ice :**
 - **Charleston District (SAC) 2008 - Lead**
 - **Albuquerque District (SPA)**

- **Water:**
 - **New England District (NAE) 2008 - Lead**
 - **Kansas City District (NWK)**



Team Configuration

- **ESF-3 Action Officer** – Scoping, Coordination, RMG NRCC
- **Mission Manager - Briefs, Management, Coordination**
- **Mission Specialist - Reports, Coordination** Home EOC
- **Contract Specialist - Prepares DO & Contract expert**
- **Commodities Site Manager - Receiving, QA, Accountability** – Mob Center
- **Mission Data Specialist - Reports, Coordination**
- **Water/Ice QA representatives - QA, Receiving, Accountability**



National ACI Contractors

- **Ice - IAP Worldwide Services**
 - **Awarded by Charleston District (SAC)**
 - **Base year & 2 option years.**
 - **Expires 31 Dec 2009.**
- **Water - IAP Worldwide Services**
 - **Awarded by New England District (NAE)**
 - **Base year and 4 option years.**
 - **Expires 31 Mar 2013.**



Contract Type

- **Ice - Supply Requirements Contract covering United States, Puerto Rico, US Virgin Islands, American Samoa, Guam, Northern Marianna Islands, Federated States of Micronesia, and Marshall Islands.**
- **Water - Requirements Contract covering United States, Puerto Rico, US Virgin Islands, American Samoa, Guam, Northern Marianna Islands, Federated States of Micronesia, and Marshall Islands.**



National Ice/Water Mission Assignment

- **National Response Coordination Center (NRCC) activated.**
- **ESF #3 Team Leader/Assistant Team Leader generates**
 - **Verbal MFR.**
 - **Action Request Form (ARF) based on Pre-Scripted Mission Assignment (PSMA) and discussions with FEMA.**
 - **Activation of PRT.**
 - **Activation of ACI Contractor.**



National Ice/Water Mission Assignment

- **FEMA uses the ARF to generate the Mission Assignment (MA) and Tasker.**
- **MA and Tasker forwarded to ESF #3.**
- **ESF #3 forwards MA and Tasker(s) to:**
 - **National Ice and/or Water Districts.**
 - **Division EOC's.**
 - **Supported/impacted district.**
- **National Ice and Water Teams are responsible for execution to include procurement, transportation, and delivery to the Mobilization Center (M), National Logistics Staging Area (NLSA) or port of embarkation (port, airport).**

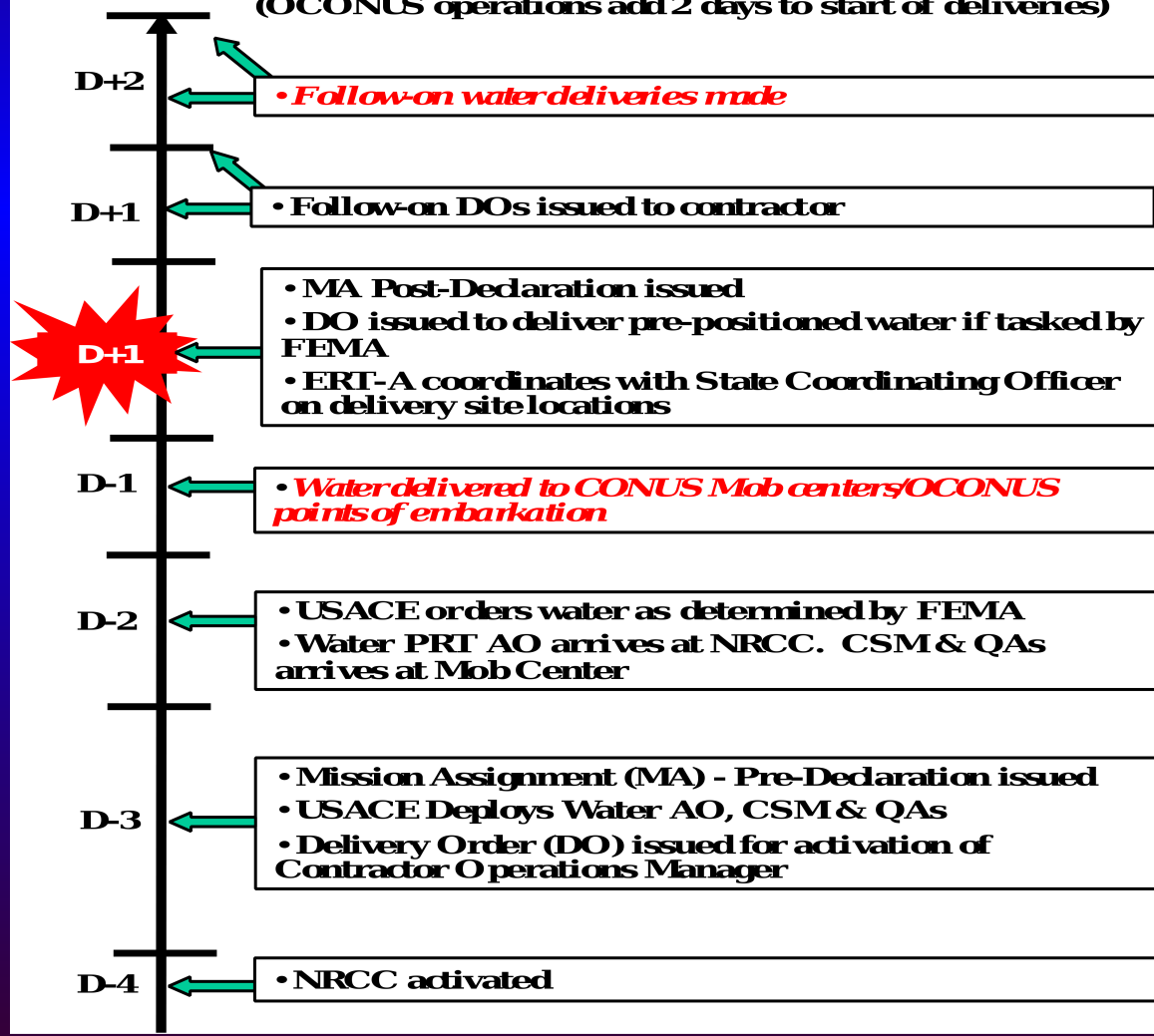


Overview

Ice/Water Mission Timeline

Water Mission Execution Timeline

(OCONUS operations add 2 days to start of deliveries)





Ice-Water Modeling

- **Estimates number of households w/o power.**
- **Assume 4 persons per household.**
- **Requirement:**
 - **8 lbs ice per person per day.**
 - **3-4 liters water per person per day.**
- **Coordinate with ESF 12 (Energy), and State on power grid restoration.**
 - **Power restoration affects requirements - pipeline effect**
- **Other factors considered (evacuation, climate, local ice and water plants, state and volunteer efforts, etc).**
- **1 Truckload equals 40K lbs. Ice, or 18K liters of water, enough to supply approximately 5K people for 1 day.**



Ice-Water Scoping

- **The amount that should be ORDERED is what can be distributed (by locals) and may vary significantly from the total REQUIREMENT.**
 - **Define requirements by Point of Distribution numbers and types.**
- **Political knee-jerks cause oversupply - Tactical patience**
- **Over-ordering results in high costs, prolonged missions and increases manpower needs.**
- **USACE Models are modified for distribution capacity.**
- **Engage stakeholders in the need for ice**



Commodity PRT Activation

- **Regional Response Coordination Center (RRCC) issues Pre-Dec Mission Assignment (MA) to ESF #3**
- **Impacted Division makes determination to utilize its own Commodities PRT or requests support from UOC.**



Commodity PRT Locations

- **Wilmington District** (SAW)
- **San Francisco District** (SPN)
- **Galveston District** (SWG)
- **Detroit/Chicago District** (LRE)
- **Rock Island District** (MVR)
- **Seattle District** (NWS)
- **Norfolk District** (NAO)



Commodity Team Configuration

- **Action Officer : Scoping, Coordination** JFO
- **Mission Manager : Briefs, Management, Coord** NLSA
- **Mission Specialist: Reports, Coord, supports MM**
- **Mission Data Specialist: Reports, Coordination**
- **Commodity Site Manager: Interface with NLSA interagency team & lead for NLSA QAs**
- **QAs: Receiving and dispatch at NLSA**
- **QA Supervisor : Lead for POD QAs.** Field
- **QAs: Receiving at PODs (POD runners)**
- **Mission Liaison: POC for supported commander** EOC/RFO



Processes

- **Develop State Requirement**
- **Consolidate State Requirements**
- **Track commodities**
- **Develop National Orders and/or Warehouse Withdrawals**



Responsibilities

- Commodities Team

- Recommend request for first 3 days to be based on USACE models**
- State representatives and FEMA Log determine ice & water request**
- Track daily “Burn Rate” for intel in developing new requests to National Teams**
- Track and report movement of Ice, Water AND MREs within affected state**



Responsibilities

- **National Team**
 - **Tracks requests from all states and recommends quantities needed to meet changing daily requirements**
 - **Works with FEMA Logistics at NRCC to determine if new product is ordered and/or if pulled from warehouse**
 - **Responsible from procurement / warehouse down to Mobilization Center / Distribution Center**



National Teams to Commodity Team Transition

- **National Teams procure and track product to FEMA Mobilization Center or Regional storage locations and departure to end-use state.**
- **Commodity Teams don't procure, they track product into and from the National Logistics Staging Area (NLSA) and report both Ice and Water inventories and usage to FEMA, National Ice and Water Teams.**
 - **Maintain the audit trail of onward movements.**
- **Commodity Teams track all Ice and Water - FEMA stored commodities and donated commodities and provide intel from POD locations of actual distribution capacity.**



CONOPS



Questions ???



Case Study

- LRE/LRC deployed a Commodities Team to Kansas Floods in July 2007
 - FEMA requested a management cell only
 - FEMA managed commodities
 - No National Missions assigned
 - Mission was extremely small



Case Study

- Impact to mission
 - The team had no visibility on the flow of commodities and no field personnel to visit PODs to report usage of commodities
- Relevance to presentation
 - TLs/ATLs need to verify that teams have people and equipment needed to perform the mission



Group Activity

- A Cat 2 hurricane is headed to Savannah, GA. You are the first ATL at the State EOC. You have been told by the TL at the ERT-A to assure that a Commodities Mission is assigned ASAP. Define the steps to make this happen in a bullet word document, and produce any documents that would be required.
- Verify the Commodities AO and PRT can perform as needed
 - Is the AO knowledgeable and competent? How did you find out? If not, what would you do?
 - What personnel should the team deploy and where?
 - Is the second wave identified and processing?
 - What do you do if FEMA directs a Management Cell only?
 - What information will the PRT need before deploying?



Group Activity

- You have 15 minutes to list the tasks required and create the required documents.